

CLEAN COTTON ; NEAT PROFITS !



- Movable
- Easy to Operate
- Robust Construction
- Maximises Profits

“Quality is never an accident. It is the result of an intelligent effort.  
There must be a will to produce a superior thing.

- JOHN RUSKIN”

DESIGNED WITH THE USER IN MIND;  
50 YEARS' OF EXPERIENCE AT HAND!



भा.कृ.अनु.प.  
ICAR

Manufactured in Technical Collaboration  
With Central Institute for Research on Cotton  
Technology (CIRCOT), ICAR, Govt. of India.

# BAJAJ COTTON BOLL OPENER

TECHNICAL SPECIFICATION	
Cleaning capacity / hour(Avg)	600 kgs raw cotton
Power (Max)	5 BHP,1440 RPM
Height : From top to hopper	5 1/4'
From top to cover	4 1/4'
Width	3 1/2'
Length	12'
Weight (approx)	750 kgs
Optional Accessories	i) C.I.Wheel arrangement, ii) Electric Motor iii) Transmission Pulley & Belt, iv) Starter v) Switch, vi) Heavy-duty, four core flexible cable

- Designed to open raw cotton bolls by air turbulence and clean lower grades of cotton by separating dust, leaves immature bolls etc.
- Most efficient for cleaning Zoda, Leafy and other lower grades of raw cotton as well as Collection from pre-cleaners.
- Reduces manpower required for sorting, by allowing dust, leaves and immature bolls to fall below through grids with holes of different sizes for separate collection.
- Opened and Cleaned raw cotton delivered at the discharge-end
- Recovers useful raw cotton from trash cotton collections.  
No damage to cotton fibre in the process.

#### ROBUST CONSTRUCTION :

- A large capacity fan is provided before inlet to create sufficient air pressure to aerate raw cotton by air turbulence.
- Large diameter Beaters are provided to separate dust, leaves and immature bolls etc. and push the clean raw cotton towards the discharge- end.
- The grids are made of heavy- gauge steel sheets.
- The round holes of different- size grids do not get clogged easily.
- The top cover of the machine is of painted CR sheets to make the machine weather- resistant.
- The main shaft runs on three heavy-duty ball bearing encased in dust- proof housing to Give trouble free service for number of years, with lower power consumption.

#### SAFE AND TROUBLE FREE :

- Guarding at the feed-end as well as at the discharge-end has been provided for safety purpose.
- Totally enclosed by sheet metal with door to collect trash & pre-matured Bolls separately.
- Suitable base for fitting electric motor has been provided to eliminate slide rails.
- The covers of the machine are tightened by fly-nuts to enable the operator to attend the machine without using spanner.
- Driving arrangement is totally enclosed.

## BAJAJ GINNING EQUIPMENTS & SYSTEMS

Double Roller Cotton Gin ~ Auto Feeder ~Pre-cleaner ~Lint Cleaner~Seed cotton opener & cleaner~Pneumatic conveying and distribution system of unginned cotton for Automatic Plants~Belt conveyors & Pneumatic conveying system for cotton lint~Cottonseed conveyors , Elevators ~Electricals and Cotton Baling Presses.

### ALWAYS USE

**BAJAJ-CEC DELINTING EQUIPMENTS AND SYSTEMS FOR HIGHEST QUALITY OUTPUT**

Due to continuous research & development, specifications are subject to change without notice.



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